

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	"6877853"   "6893103"   "7114802").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:12
L2	2	("20020054197").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/02/07 11:17
L3	280146	(Vias Hole groove trench line lining pattern\$5 select\$7 design\$5 write \$1 writing etch\$5 written) with (plasma PECVD corona (glow electric silent) adj discharg\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L4	112890	(Port outlet inject\$5 Nozzle jet\$5 stream\$5 beam\$5 orifice) with (plasma PECVD corona (glow electric silent) adj discharg\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L5	17607	((427/534,535,536,537,539,540) or (216/67-71) or (438/798,766,771,772,776,777,710-732)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/07 11:28
L6	9137	427/466-470,475,485,486,421.1-427.7).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/07 11:28

L7	1717438	(Port outlet inject\$5 Nozzle jet\$5 stream\$5 beam\$5 orifice) with (drop\$5 droplet spray\$5 atomiz\$5 mist\$5 liquid solution dispersion suspension aqueous solvent solvat\$5)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L8	4802	L3 same L4 same L7	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L9	6648	L3 same L4 same2 L7	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L10	211	(L5 or L6) and (L8 or L9)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L11	19300	L3 and L4 and L7	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L12	3	(L5 and L6) and (L11)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L13	683	*427*\$.cds. and (L8 or L9)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28

L14	572	L13 not L10	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L15	1025	(118/723ME,723MR,723MA,723DC,723ER,723IR).OCLS.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2011/02/07 11:28
L16	30	(L15) and (L8 or L9)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L17	97	(L15) and (L11)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L18	869	L12 or L14 or L16 or L10 or L17	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L19	2060190	(Port outlet inject\$ Nozzle jet\$ stream\$ beam\$ orifice head) with (ink drop\$ droplet spray\$ atomiz\$ mist\$ liquid solution dispersion suspension aqueous solvent solvat\$)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L20	120067	(Port outlet inject\$ Nozzle jet\$ stream\$ beam\$ orifice head) with (plasma PECVD corona (glow electric silent) adj discharg\$)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28

L21	4662	L20 same L19 same (integrat\$5 tandem unit\$4 unify\$4 unified joint join\$5 array\$3 combin\$3 combination integral\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L22	2368	L20 with L19 with (integrat\$5 tandem unit\$4 unify\$4 unified joint join\$5 array\$3 combin\$3 combination integral\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L23	53	L21 and L22 and ((ink adj jet\$5) and (plasma near3 (head nozzle jet\$4 beam\$4))	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L24	4	L23 and (L5 or L6)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L25	22	L21 and L22 and ((ink adj jet\$5) same (plasma near3 (head nozzle jet\$4 beam\$4)))	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L26	19	L25 not L24	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L27	1473	((ink adj jet\$5 drop\$5 drip\$5) same (plasma PEOVD corona (glow electric silent) adj discharg\$5) same (head nozzle jet\$4 beam\$4) same (integrat\$5 tandem unit\$4 unify\$4 unified joint join\$5 array\$3 combin\$3 combination integral\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28

L28	347	(ink adj jet\$5 drop\$5 drip\$5) with (plasma PECVD corona (glow electric silent) adj discharg\$5) with (head nozzle jet\$4 beam\$4) with (integrat\$5 tandem unit\$4 unify\$4 unified joint join\$5 array\$3 combin\$3 combination integral\$3)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L29	347	L27 and L28	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L30	322	L29 not (L23 or L18)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L31	6	L30 and (L5 or L6)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L32	210	L30 and (ink adj jet\$5)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L33	0	L32 and L15	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L34	59	L32 and (plasma PECVD corona (glow electric silent) adj discharg\$5) with (affinity repels\$7 attract\$5 hydrophob\$7 hydrophil\$7 lyophobic\$7 lyophilic\$7 wetting wettability contact adj angle etch\$5 groove)	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28

L35	981	L12 or L14 or L16 or L10 or L17 or L24 or L23 or L26 or L31 or L33 or L34	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:28
L36	66	L35 and @pd> "20100619"	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/07 11:31

**EAST Search History (Interference)**

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